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- (51) 国際特許分類⁷: A61K 45/00, 31/519, (74) 代理人: 高橋 秀一, 外(TAKAHASHI, Shuichi et al.);
A61P 5/24, 15/12, 43/00, C07D 495/04 〒532-0024 大阪府 大阪市 淀川区 十三本町 2 丁目
1 7 番 8 5 号 武田薬品工業株式会社大阪工場内 Osaka (JP).
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特願2002-111235 2002 年 4 月 12 日 (12.04.2002) JP
- (71) 出願人 (米国を除く全ての指定国について): 武田薬品工業株式会社 (TAKEDA CHEMICAL INDUSTRIES, LTD.) [JP/JP]; 〒541-0045 大阪府 大阪市 中央区道修町四丁目 1 番 1 号 Osaka (JP).
- (81) 指定国 (国内): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) 指定国 (広域): ARIPO 特許 (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), ユーラシア特許 (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), ヨーロッパ特許 (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI 特許 (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
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- 添付公開書類:
— 国際調査報告書
- 2 文字コード及び他の略語については、定期発行される各 PCT ガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

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(54) Title: PREVENTIVES/REMEDIES FOR HOTFLASH

(54) 発明の名称: ホットフラッシュ予防・治療剤

(57) Abstract: It is intended to provide preventives/remedies for hotflash which contain a nonpeptidic compound having an antagonism to gonatropin-releasing hormone, in particular, a nonpeptidic compound showing migration into the brain and having antagonism to gonatropin-releasing hormone.

(57) 要約: 性腺刺激ホルモン放出ホルモン拮抗作用を有する非ペプチド性化合物を含有してなるホットフラッシュ予防・治療剤、特に化合物の性質として、脳内移行性である性腺刺激ホルモン放出ホルモン拮抗作用を有する非ペプチド性化合物を含有してなるホットフラッシュ予防・治療剤を提供する。

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INTERNATIONAL SEARCH REPORT

International Application No.

PCT/JP03/04554

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ A61K45/00, 31/519, A61P5/24, 15/12, 43/00, C07D495/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ A61K45/00, 31/519, A61P5/24, 15/12, 43/00, C07D495/04

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CAPLUS, MEDLINE, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99/55358 A (PRAECIS PHARMACEUTICALS INC.), 04 November, 1999 (04.11.99), Full text & JP 2002-512976 A	1-6, 8
Y	WO 00/56739 A (TAKEDA CHEMICAL INDUSTRIES, LTD.), 28 September, 2000 (28.09.00), Claims; examples 1, 2 & JP 2001-278884 A	1-6, 8

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
10 June, 2003 (10.06.03)Date of mailing of the international search report
24 June, 2003 (24.06.03)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

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Box I Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 7

because they relate to subject matter not required to be searched by this Authority, namely:

Claim 7 substantially pertains to methods for treatment of the human body by therapy and thus relates to a subject matter which this International Searching Authority is not required, under the provisions of Article 17(2)(a)(i) of the PCT and Rule 39.1(iv) of the Regulations under the PCT, to search.

2. ☐ Claims Nos.:

because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:

because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.